

In the Claims:

Claims 15 -36 were pending.

Claims 1-14 were previously canceled.

Claims 15, 21, 24, 29 and 31-36 are amended.

5 Claims 15-36 are pending.

Listing of Claims:

Claims 1-14 (Canceled).

10 15. (Presently amended) A process for improving the print quality of a print job having black content, the black content having a predetermined location on a print medium, the process comprising:

 determining when the print medium is incompatible with black pigment based ink;

15 applying a sufficient quantity of black dye based ink to essentially completely cover the predetermined location when the print medium is incompatible with the black pigment based ink; and

 not applying the black pigment based ink on the predetermined location when the print medium is incompatible with the black pigment based ink;

20 fortifying the black content by applying the black dye based ink on the predetermined location; and

 printing the black content by applying the black pigment based ink on the predetermined location when the print medium is not incompatible with the black pigment based ink.

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 16. (Previously presented) The process of claim 15, further comprising determining when the print medium is incompatible with the black pigment based ink in response to a selected print mode.

17. (Previously presented) The process of claim 15, further comprising determining when the print medium is incompatible with the black pigment based ink in response to a media detector detecting that the print medium is incompatible with pigment based ink.

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18. (Previously presented) The process of claim 15, wherein fortifying further comprises applying the black dye based ink on the predetermined location in an essentially uniform, partial density pattern.

10 19. (Previously presented) The process of claim 15, wherein fortifying further comprises applying a sufficient quantity of the black dye based ink to essentially completely cover the predetermined location.

15 20. (Previously presented) The process of claim 15, wherein fortifying further comprises applying the black dye based ink on an edge of the predetermined location.

21. (Presently amended) A process for improving the print quality of a print job having black content, the black content having a predetermined location on a print medium, the method comprising:

fortifying the black content by applying a black dye based ink on the predetermined location; and

printing the black content by applying a black pigment based ink on the predetermined location, wherein fortifying comprises applying the black dye based ink on an edge of the predetermined location.

22. (Previously presented) The process of claim 21, wherein fortifying further comprises applying the black dye based ink on the predetermined location in an essentially uniform, partial density pattern.

23. (Previously presented) The process of claim 21, wherein fortifying further comprises applying a sufficient quantity of the black dye based ink to essentially completely cover the predetermined location.

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24. (Presently amended) An apparatus for improving the print quality of a print job having black content, the black content having a predetermined location on a print medium, the apparatus comprising:

10 a first printhead configured to fire black dye based ink droplets on the print medium;

a second printhead configured to fire black pigment based ink droplets on the print medium; and

15 a processing system configured to fortify the black content by:
controlling the first printhead to fire droplets on the predetermined location; and

20 to print the black content by controlling the second printhead to fire droplets on the predetermined location, wherein the processing system is further configured to determine when the print medium is incompatible with the black pigment based ink and to control the second printhead to omit the firing of droplets on the predetermined location when the print medium is incompatible with the black pigment based ink.

25 25. (Previously presented) The apparatus of claim 24, wherein the processing system is further configured to control the first printhead to fire droplets on the predetermined location in an essentially complete coverage when the print medium is incompatible with the black pigment based ink.

30 26. (Previously presented) The apparatus of claim 24, further comprising a user interface configured to receive a selected print mode, the user interface being configured to communicate with the processing system, wherein

the processing system is further configured to determine when the print medium is incompatible with the black pigment based ink based on the selected print mode.

5 27. (Previously presented) The apparatus of claim 24, further comprising a media detector configured to detect a print medium type, the media detector being configured to communicate with the processing system, wherein the processing system is further configured to determine whether the print medium is incompatible with pigment based ink based on the print
10 medium type.

28. (Previously presented) The apparatus of claim 24, wherein the processing system is further configured to fortify the black content by controlling the first printhead to fire droplets on the predetermined location in
15 an essentially uniform, partial density pattern.

29. (Presently amended) The apparatus of claim 24, wherein the processing system is further configured to fortify the black content by controlling the first printhead to fire sufficient droplets to essentially
20 completely ~~covering~~ cover the predetermined location.

30. (Previously presented) The apparatus of claim 24, wherein the processing system is further configured to fortify the black content by controlling the first printhead to fire droplets on an edge of the predetermined
25 location.

31. (Presently amended) An apparatus for improving the print quality of a print job having black content, the black content having a predetermined location on a print medium, the apparatus comprising:

5 a first printhead configured to fire black dye based ink droplets on the print medium;

a second printhead configured to fire black pigment based ink droplets on the print medium; and

10 a processing system configured to fortify the black content by controlling the first printhead to fire droplets on the predetermined location, the processing system being further configured to print the black content by controlling the second printhead to fire droplets on the predetermined location, wherein the processing system is configured to fortify the black content by controlling the first printhead to fire droplets on an edge of the predetermined location.

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32. (Presently amended) The apparatus of claim 31, wherein the processing system is further configured to:

determine whether the print medium is incompatible with the black pigment based ink,

20 control the first printhead to fire droplets on the predetermined location in an essentially complete coverage in response to the print medium being incompatible with the black pigment based ink, and

control the second printhead to omit the firing of droplets on the predetermined location in response to the print medium being incompatible
25 with the black pigment based ink.

~~32~~ 33. (Presently amended) The apparatus of claim 31, further comprising a user interface configured to receive a selected print mode, the user

interface being configured to communicate with the processing system, wherein the processing system is further configured to determine whether the print medium is incompatible with the black pigment based ink based on the selected print mode.

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33 34. (Presently amended) The apparatus of claim 31, further comprising a media detector configured to detect a print medium type, the media detector being configured to communicate with the processing system, wherein the processing system is further configured to determine whether the print medium is incompatible with the black pigment based ink based on the print medium type.

34 35. (Presently amended) The apparatus of claim 31, wherein the processing system is further configured to fortify the black content by controlling the first printhead to fire droplets on the predetermined location in an essentially uniform, partial density pattern.

35 36. (Presently amended) The apparatus of claim 31, wherein the processing system is further configured to fortify the black content by controlling the first printhead to fire sufficient droplets to essentially completely cover the predetermined location.